

North Carolina Animal* Related Crashes

2011 – 2013 County Rankings and Crash Data



Christopher J. Oliver, P.E.
Traffic Safety Unit
Transportation Mobility and Safety Division
North Carolina Department of Transportation

Revised: July 2014

*Data in this report was obtained by utilizing the "Animal" flag indicator on the North Carolina Collision Report Form. These numbers may vary from other studies due to the manner in which the data was analyzed.

Current NC Collision Report Forms do not distinguish between animal types. However, data analyses shows that approximately 90% of all reported animal related crashes involve deer.

Statewide Animal Crashes - County Rankings

CNTY #	County	2006		2007		2008		2009		2010		2011		2012		2013		11-13 Total	11-13 Rank
		Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank		
91	WAKE	918	1	1,073	1	1,031	1	1,115	1	1,051	1	1,105	1	1,018	1	1,135	1	3,258	1
40	GUILFORD	598	2	590	2	607	2	596	2	635	4	642	3	667	2	620	2	1,929	2
30	DUPLIN	487	3	552	3	600	3	547	3	646	3	647	2	597	4	539	3	1,783	3
73	PITT	435	5	503	5	521	5	543	5	716	2	623	4	619	3	539	4	1,781	4
50	JOHNSTON	431	7	446	9	425	9	522	6	517	6	536	5	492	5	492	6	1,520	5
75	RANDOLPH	432	6	477	6	418	12	456	8	534	5	474	7	464	9	499	5	1,437	6
23	COLUMBUS	354	13	451	8	432	8	481	7	397	12	478	6	472	6	466	7	1,416	7
70	PENDER	394	9	471	7	419	11	443	9	454	9	465	8	467	7	435	10	1,367	8
59	MECKLENBURG	364	11	435	11	474	6	378	14	434	10	447	10	464	8	439	9	1,350	9
78	ROCKINGHAM	485	4	540	4	534	4	544	4	512	7	456	9	429	11	442	8	1,327	10
89	UNION	388	10	391	14	406	13	397	10	371	17	406	11	454	10	432	11	1,292	11
18	CHATHAM	344	16	438	10	442	7	385	13	458	8	385	13	396	12	424	12	1,205	12
9	BRUNSWICK	303	19	393	13	383	16	388	12	388	13	404	12	376	15	417	13	1,197	13
33	FORSYTH	338	17	329	19	364	17	332	16	412	11	379	14	377	14	386	15	1,142	14
81	SAMPSON	282	21	302	22	294	23	295	23	375	14	331	21	391	13	398	14	1,120	15
63	NASH	362	12	348	16	420	10	394	11	373	15	362	15	362	16	362	16	1,086	16
53	LENOIR	250	29	260	28	276	25	306	19	323	22	325	24	342	19	342	17	1,009	17
62	MOORE	273	25	308	21	303	21	275	26	327	21	345	19	354	17	303	22	1,002	18
28	DAVIDSON	200	37	231	34	296	22	282	24	285	29	347	17	311	24	334	19	992	19
22	CLEVELAND	210	32	199	40	228	41	270	27	299	26	334	20	320	21	335	18	989	20
42	HARNETT	250	28	253	29	254	30	296	22	301	25	327	23	335	20	325	21	987	21
77	ROBESON	206	33	221	37	238	39	198	43	227	42	296	29	343	18	327	20	966	22
67	ORANGE	406	8	417	12	388	15	372	15	371	16	348	16	315	22	297	24	960	23
8	BLADEN	200	36	222	36	248	33	244	31	272	33	345	18	290	26	297	23	932	24
0	ALAMANCE	345	15	345	17	325	19	324	17	336	19	329	22	287	28	286	27	902	25
83	STANLY	204	34	242	31	244	34	226	38	311	23	311	26	306	25	283	29	900	26
32	EDGECOMBE	270	26	268	26	272	26	270	28	332	20	286	31	314	23	292	26	892	27
95	WAYNE	274	24	280	24	290	24	277	25	285	30	307	28	289	27	286	28	882	28
31	DURHAM	347	14	319	20	317	20	223	39	240	38	293	30	285	29	281	30	859	29
34	FRANKLIN	286	20	334	18	337	18	301	21	295	27	308	27	271	31	246	36	825	30
66	ONSLow	252	27	251	30	264	28	251	30	306	24	313	25	262	32	248	34	823	31
12	CABARRUS	203	35	210	38	227	42	200	42	287	28	278	33	241	34	295	25	814	32
6	BEAUFORT	308	18	271	25	241	36	240	34	273	32	245	35	282	30	253	33	780	33
24	CRAVEN	188	39	227	35	243	35	233	35	279	31	246	34	238	35	247	35	731	34
38	GRANVILLE	277	23	359	15	400	14	307	18	351	18	279	32	220	36	199	40	698	35
41	HALIFAX	150	50	195	41	241	37	222	41	228	41	206	41	206	40	267	31	679	36
79	ROWAN	169	44	180	45	239	38	230	36	246	36	229	38	244	33	205	39	678	37

CNTY #	County	2006		2007		2008		2009		2010		2011		2012		2013		11-13 Total	11-13 Rank
		Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank		
84	STOKES	241	30	263	27	270	27	303	20	249	34	229	39	188	43	258	32	675	38
72	PERSON	213	31	298	23	258	29	226	37	244	37	238	37	215	38	209	38	662	39
85	SURRY	180	41	210	39	211	43	244	32	247	35	240	36	193	41	196	41	629	40
61	MONTGOMERY	100	63	141	54	152	50	195	46	182	47	160	49	211	39	239	37	610	41
97	WILSON	281	22	239	32	236	40	241	33	234	40	200	42	219	37	188	44	607	42
90	VANCE	156	48	166	48	200	44	198	44	227	43	207	40	185	44	195	42	587	43
57	MARTIN	171	43	180	44	164	49	196	45	235	39	190	46	191	42	181	47	562	44
25	CUMBERLAND	175	42	156	50	136	53	173	49	176	48	198	43	171	47	190	43	559	45
48	IREDELL	193	38	236	33	254	31	258	29	225	44	197	44	175	45	186	45	558	46
52	LEE	147	51	168	47	165	48	174	48	170	49	157	50	175	46	176	48	508	47
80	RUTHERFORD	119	57	118	58	149	51	126	56	156	53	143	52	166	49	186	46	495	48
17	CATAWBA	160	45	181	43	252	32	222	40	186	45	164	48	167	48	163	52	494	49
98	YADKIN	143	52	141	55	182	45	159	51	146	55	176	47	134	57	175	49	485	50
3	ANSON	156	47	190	42	172	47	192	47	183	46	193	45	158	50	132	57	483	51
76	RICHMOND	46	79	95	68	74	73	60	76	85	69	118	63	154	51	169	50	441	52
16	CASWELL	159	46	161	49	147	52	106	63	130	58	151	51	138	53	139	56	428	53
65	NORTHAMPTON	102	61	105	60	130	54	110	62	114	61	123	59	135	56	167	51	425	54
35	GASTON	129	56	125	56	112	61	139	52	108	63	130	57	136	55	152	53	418	55
51	JONES	99	64	122	57	121	58	93	66	105	64	121	61	148	52	145	54	414	56
39	GREENE	134	54	148	53	123	57	118	58	143	56	131	56	132	58	132	58	395	57
82	SCOTLAND	51	78	82	70	77	70	68	73	85	70	135	54	108	64	140	55	383	58
7	BERTIE	150	49	148	52	127	55	165	50	162	51	131	55	121	60	128	59	380	59
45	HERTFORD	100	62	97	67	110	63	117	59	158	52	130	58	138	54	111	63	379	60
29	DAVIE	142	53	155	51	127	56	138	53	166	50	115	66	122	59	119	62	356	61
46	HOKE	80	69	100	65	111	62	101	65	121	59	116	65	113	62	123	61	352	62
64	NEW HANOVER	111	58	98	66	113	59	119	57	116	60	121	62	110	63	107	65	338	63
92	WARREN	60	73	110	59	92	67	91	67	103	66	99	68	108	65	126	60	333	64
96	WILKES	182	40	171	46	174	46	135	54	148	54	136	53	103	67	91	69	330	65
93	WASHINGTON	105	59	103	61	113	60	134	55	141	57	122	60	105	66	96	67	323	66
13	CALDWELL	90	67	100	64	99	65	104	64	103	65	117	64	95	68	98	66	310	67
11	BURKE	104	60	102	62	104	64	110	61	108	62	101	67	113	61	95	68	309	68
36	GATES	95	65	74	74	93	66	88	68	94	67	87	71	83	69	108	64	278	69
94	WATAUGA	56	76	71	75	77	71	71	72	74	73	82	73	82	72	89	70	253	70
20	CHOWAN	91	66	78	71	79	69	77	70	92	68	91	70	82	70	71	74	244	71
71	PERQUIMANS	62	72	76	73	72	74	73	71	72	75	93	69	75	73	75	72	243	72
10	BUNCOMBE	57	75	58	78	45	82	48	79	58	76	81	74	69	74	87	71	237	73
15	CARTERET	44	80	76	72	54	79	79	69	82	72	71	75	60	79	73	73	204	74
58	MCDOWELL	59	74	54	79	44	83	62	75	54	79	51	82	82	71	64	78	197	75
54	LINCOLN	134	55	101	63	58	76	50	78	53	81	63	76	65	75	65	77	193	76
4	ASHE	82	68	82	69	82	68	115	60	83	71	86	72	53	81	47	83	186	77

CNTY #	County	2006		2007		2008		2009		2010		2011		2012		2013		11-13	11-13
		Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank	Count	Rank	Total	Rank
26	CURRITUCK	26	87	18	91	31	89	44	82	57	77	59	78	58	80	69	75	186	78
74	POLK	28	85	49	80	74	72	48	80	73	74	53	81	65	76	67	76	185	79
69	PASQUOTANK	37	82	47	82	50	80	59	77	55	78	53	80	63	78	55	79	171	80
47	HYDE	63	71	65	77	57	77	44	83	49	83	53	79	63	77	53	80	169	81
88	TYRRELL	52	77	49	81	60	75	65	74	54	80	62	77	47	84	51	82	160	82
44	HENDERSON	28	84	31	85	32	88	27	90	49	82	43	84	46	85	45	84	134	83
55	MACON	17	92	24	87	34	86	31	88	39	87	35	88	48	82	42	86	125	84
1	ALEXANDER	73	70	68	76	49	81	46	81	42	86	38	86	47	83	38	89	123	85
68	PAMLICO	41	81	38	84	56	78	42	84	47	84	35	89	41	88	42	87	118	86
19	CHEROKEE	12	96	14	93	15	94	27	89	35	88	28	93	44	86	43	85	115	87
5	AVERY	25	88	22	88	32	87	38	86	23	92	37	87	41	87	35	90	113	88
56	MADISON	14	95	22	89	38	85	22	93	24	91	30	91	29	91	53	81	112	89
27	DARE	15	94	12	96	14	96	26	91	45	85	39	85	40	89	30	93	109	90
60	MITCHELL	27	86	31	86	42	84	34	87	26	90	45	83	28	92	35	91	108	91
99	YANCEY	33	83	42	83	30	90	42	85	35	89	30	92	35	90	42	88	107	92
14	CAMDEN	19	91	12	95	21	93	18	95	23	93	31	90	20	96	26	94	77	93
87	TRANSYLVANIA	24	89	22	90	24	92	24	92	22	94	19	95	22	94	35	92	76	94
43	HAYWOOD	20	90	14	94	26	91	18	96	8	97	28	94	18	97	18	97	64	95
21	CLAY	10	97	10	97	14	95	11	98	10	96	17	96	22	93	22	95	61	96
2	ALLEGHANY	16	93	17	92	9	97	21	94	15	95	11	98	21	95	18	96	50	97
49	JACKSON	4	98	3	99	9	98	12	97	5	98	16	97	12	98	11	98	39	98
86	SWAIN	3	99	5	98	3	100	7	99	5	99	9	99	9	99	5	100	23	99
37	GRAHAM	1	100	0	100	5	99	2	100	2	100	1	100	7	100	9	99	17	100
TOTAL		17,730		19,325		19,725		19,549		20,808		20,703		20,204		20,308		61,215	

2011-2013 Statewide Animal Crashes

COUNTY	Total Crashes	Fatalities	A Injuries	B Injuries	C Injuries	Total Injuries	Damage
WAKE	3,258	0	3	51	149	203	\$8,324,628
GUILFORD	1,929	1	3	16	108	127	\$4,742,898
DUPLIN	1,783	0	1	9	34	44	\$4,215,561
PITT	1,781	0	0	10	82	92	\$4,128,204
JOHNSTON	1,520	0	1	25	38	64	\$3,452,815
RANDOLPH	1,437	1	0	15	49	64	\$3,458,394
COLUMBUS	1,416	0	0	19	50	69	\$2,981,090
PENDER	1,367	3	0	14	26	40	\$3,221,583
MECKLENBURG	1,350	0	4	34	96	134	\$3,826,835
ROCKINGHAM	1,327	0	0	24	47	71	\$2,900,800
UNION	1,292	1	2	11	39	52	\$3,102,262
CHATHAM	1,205	0	2	11	49	62	\$6,705,739
BRUNSWICK	1,197	0	1	11	25	37	\$2,642,808
FORSYTH	1,142	1	0	10	51	61	\$2,627,946
SAMPSON	1,120	0	0	12	46	58	\$2,517,569
NASH	1,086	0	0	13	48	61	\$2,488,930
LENOIR	1,009	0	0	8	39	47	\$2,285,887
MOORE	1,002	0	1	8	38	47	\$2,487,264
DAVIDSON	992	0	2	17	43	62	\$2,308,780
CLEVELAND	989	0	0	6	53	59	\$2,299,299
HARNETT	987	0	1	6	55	62	\$2,085,822
ROBESON	966	1	0	22	83	105	\$2,482,905
ORANGE	960	0	2	13	19	34	\$2,052,872
BLADEN	932	0	2	9	57	68	\$1,953,373
ALAMANCE	902	0	1	10	34	45	\$1,950,229
STANLY	900	0	1	8	28	37	\$1,880,344
EDGECOMBE	892	1	1	7	36	44	\$2,260,190
WAYNE	882	0	1	14	43	58	\$1,986,770
DURHAM	859	0	0	16	43	59	\$2,045,345
FRANKLIN	825	0	1	10	44	55	\$2,211,445
ONSLow	823	0	2	9	27	38	\$2,061,640
CABARRUS	814	0	0	19	37	56	\$2,045,734
BEAUFORT	780	0	0	10	21	31	\$1,567,517
CRAVEN	731	1	0	2	12	14	\$1,530,737
GRANVILLE	698	1	0	5	27	32	\$1,663,096
HALIFAX	679	0	0	13	41	54	\$1,607,001
ROWAN	678	0	0	8	18	26	\$1,570,279
STOKES	675	0	1	16	18	35	\$1,351,250
PERSON	662	0	0	7	17	24	\$1,540,874
SURRY	629	0	3	12	27	42	\$1,524,584
MONTGOMERY	610	0	1	4	15	20	\$1,342,590
WILSON	607	1	2	9	43	54	\$1,673,818
VANCE	587	0	0	12	41	53	\$1,364,444
MARTIN	562	0	0	3	9	12	\$1,063,200
CUMBERLAND	559	1	1	8	25	34	\$1,363,018
IREDELL	558	0	0	9	26	35	\$1,335,559
LEE	508	0	0	2	29	31	\$1,348,984
RUTHERFORD	495	1	1	7	31	39	\$1,084,188
CATAWBA	494	0	1	8	20	29	\$1,248,530

COUNTY	Total Crashes	Fatalities	A Injuries	B Injuries	C Injuries	Total Injuries	Damage
YADKIN	485	0	0	8	25	33	\$1,214,803
ANSON	483	0	3	8	15	26	\$1,078,158
RICHMOND	441	0	1	8	43	52	\$1,018,354
CASWELL	428	0	0	10	16	26	\$997,033
NORTHAMPTON	425	0	0	6	23	29	\$892,205
GASTON	418	1	3	6	23	32	\$1,052,605
JONES	414	0	1	6	10	17	\$953,640
GREENE	395	0	0	3	22	25	\$1,102,049
SCOTLAND	383	0	0	3	36	39	\$1,389,893
BERTIE	380	0	0	11	19	30	\$833,722
HERTFORD	379	0	1	5	28	34	\$851,950
DAVIE	356	0	1	4	12	17	\$814,108
HOKE	352	0	0	4	24	28	\$849,350
NEW HANOVER	338	0	1	6	11	18	\$750,850
WARREN	333	0	1	1	19	21	\$1,225,601
WILKES	330	1	4	11	24	39	\$907,490
WASHINGTON	323	0	0	2	8	10	\$634,245
CALDWELL	310	0	1	9	10	20	\$687,425
BURKE	309	0	0	1	20	21	\$712,600
GATES	278	1	1	4	10	15	\$693,400
WATAUGA	253	0	0	6	5	11	\$570,450
CHOWAN	244	0	0	2	10	12	\$569,814
PERQUIMANS	243	0	0	5	7	12	\$574,017
BUNCOMBE	237	0	0	12	15	27	\$586,275
CARTERET	204	0	1	1	9	11	\$444,350
MCDOWELL	197	0	0	3	5	8	\$471,300
LINCOLN	193	1	0	2	10	12	\$409,950
ASHE	186	0	0	6	10	16	\$582,339
CURRITUCK	186	0	0	0	6	6	\$467,171
POLK	185	0	0	2	8	10	\$519,705
PASQUOTANK	171	0	0	1	5	6	\$388,250
HYDE	169	0	0	2	6	8	\$404,187
TYRRELL	160	0	0	4	11	15	\$368,510
HENDERSON	134	0	0	4	5	9	\$349,650
MACON	125	0	0	4	6	10	\$311,950
ALEXANDER	123	0	1	3	6	10	\$321,095
PAMLICO	118	0	0	0	2	2	\$274,176
CHEROKEE	115	0	0	3	3	6	\$348,050
AVERY	113	0	0	0	9	9	\$272,652
MADISON	112	0	0	3	4	7	\$326,454
DARE	109	0	0	0	5	5	\$287,950
MITCHELL	108	0	0	1	3	4	\$214,450
YANCEY	107	0	0	2	2	4	\$286,452
CAMDEN	77	0	0	1	4	5	\$220,700
TRANSYLVANIA	76	0	0	1	4	5	\$212,300
HAYWOOD	64	0	0	6	2	8	\$149,600
CLAY	61	0	0	0	2	2	\$175,790
ALLEGHANY	50	0	0	0	1	1	\$140,794
JACKSON	39	0	0	0	1	1	\$80,300
SWAIN	23	0	0	0	0	0	\$68,500
GRAHAM	17	0	0	1	0	1	\$45,700
TOTALS	61,215	18	62	793	2,600	3,455	\$149,017,992

2011-2013 Statewide Animal Crashes by Month

Month	Total Crashes	Percent (%)
January	5,082	8.3%
February	3,975	6.5%
March	3,868	6.3%
April	2,992	4.9%
May	3,095	5.1%
June	3,397	5.5%
July	2,863	4.7%
August	2,591	4.2%
September	3,243	5.3%
October	8,715	14.2%
November	13,498	22.1%
December	7,896	12.9%
TOTALS	61,215	100.0%

2011-2013 Statewide Animal Crashes by Time of Day

Time of Day	Total Crashes	Percent (%)
12:00 AM	2,466	4.0%
1:00 AM	1,917	3.1%
2:00 AM	1,529	2.5%
3:00 AM	1,602	2.6%
4:00 AM	1,969	3.2%
5:00 AM	3,772	6.2%
6:00 AM	5,015	8.2%
7:00 AM	3,434	5.6%
8:00 AM	1,638	2.7%
9:00 AM	1,075	1.8%
10:00 AM	949	1.6%
11:00 AM	960	1.6%
12:00 PM	877	1.4%
1:00 PM	698	1.1%
2:00 PM	680	1.1%
3:00 PM	665	1.1%
4:00 PM	777	1.3%
5:00 PM	2,565	4.2%
6:00 PM	5,173	8.5%
7:00 PM	5,293	8.6%
8:00 PM	5,582	9.1%
9:00 PM	5,278	8.6%
10:00 PM	3,948	6.4%
11:00 PM	3,353	5.5%
TOTALS	61,215	100.0%